

GENERAL WATER NOTES:

1. WORK SHALL BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION AND TO THE SATISFACTION OF THE EL DORADO IRRIGATION DISTRICT (EID). CONSTRUCTION SHALL CONFORM TO THESE PLANS AND EID’S LATEST VERSION OF THE TECHNICAL SPECIFICATIONS AND STANDARD DRAWINGS WHICH ARE MADE PART OF THE CONTRACT DOCUMENTS AND CAN BE FOUND AT:
http://www.eid.org/home/showdocument?id=335
http://www.eid.org/home/showdocument?id=337
2. LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE ONLY – THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL FACILITIES PRIOR TO ANY EXCAVATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR DETERMINATION AND LOCATION OF UNDERGROUND UTILITIES (PHONE 1–800–642–2444)
4. CONNECTIONS TO EXISTING WATER FACILITY SHALL BE DONE BY A LICENSED CONTRACTOR IN ACCORDANCE WITH EID TIE–IN PROCEDURES PER TECHNICAL SPECIFICATION.
5. WHERE EXCAVATIONS FOR ANY FACILITIES CONSTRUCTION EXCEED 5 FEET IN DEPTH, CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FORM CAL/OSHA IN SACRAMENTO (PHONE 1–916–263–2800) POST PERMIT AT THE CONSTRUCTION SITE AND COMPLY WITH ALL REQUIREMENTS.
6. THE CONTRACTOR SHALL NOTIFY EID INSPECTION 48 HOURS PRIOR TO START OR RESTART OF WORK.
7. ONLY EID PERSONNEL SHALL OPERATE ANY VALVES ON EXISTING WATER SYSTEM.
8. PIPELINES SHALL BE DISINFECTED, FLUSHED AND HYDROSTATICALLY TESTED IN ACCORDANCE WITH EID’S STANDARD SPECIFICATION.
9. LIDS SHALL BE MARKED "WATER".
10. CURBS SHALL BE WET STAMPED WITH A "w" BRAND WHERE WATER SERVICES INTERCEPT.
11. CONTRACTOR SHALL HAVE A COPY OF EID’S CONSTRUCTION STANDARDS ON THE JOB.
12. REVISIONS TO THE DRAWINGS MUST BE APPROVED IN WRITTING BY EID.

PROJECT WATER NOTES:

1. NEW WATER PIPELINE SHALL BE DUCTILE IRON CLASS 350 (POLYETHYLENE ENCASED) IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. PIPE FITTINGS REQUIRE MINIMUM RESTRAINED LENGTHS AS SHOWN ON THE PLANS OR AS APPROVED BY EID. MECHANICAL JOINTS SHALL BE OF THE RESTRAINED USING EBAA IRON, OR EQUAL. RESTRAINED JOINT PIPE SHALL BE DUCTILE IRON "FLEX–RING" RESTRAINED JOINTS INSTALLED PER MANUFACTURER’S RECOMMENDATIONS. TEST PRESSURE SHALL BE 150 PSI MINIMUM.
2. THE MAXIMUM DEFLECTION AT ANY JOIT SHALL NOT EXCEED 0.5 TIMES THE MANUFACTURER’S ALLOWED DEFLECTION.
3. CONTRACTOR TO MAINTAIN MINIMUM 30–INCHES COVER FROM TOP OF NEW 6–INCH PIPELINE TO BOTTOM OF NEW SUBGRADE.
4. CONTRACTOR TO MAINTAIN 4–FOOT HORIZONTAL AND 12–INCH VERTICAL SEPARATION FROM ALL EXISTING AND PROPOSED STORM DRAIN FACILITIES.
5. THE CONTRACTOR IS MADE AWARE THAT THE EXISTING PIPELINE IS ASBESTOS CONCRETE (AC) MATERIAL. ALL AC PIPE SHALL BE PROPERLY DISPOSED OF PER ALL APPLICABLE REGULATIONS AND PER THE SPECIFICATIONS.
6. ALL METERS AND SERVICES SHOWN ON THE PLANS SHALL BE RECONNECTED PER EID STANDARD DETAILS AND SPECIFICATIONS. RELOCATED METERS REQUIRE NEW METER BOXES AND APPURTENANCES, EXCLUDING METER AND TRANSPONDER. ONLY THE METER AND TRANSPONDER SHALL BE RELOCATED.
7. METER AND SERVICE LOCATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND EID PRIOR TO EXCAVATION. A TOTAL OF FIVE (5) METERS ARE ANTICIPATED TO REQUIRE RECONNECTION AS PART OF THE PROJECT. THE FOLLOWING PARCELS/ADDRESSES WILL REQUIRE SERVICE/METER RECONNECTIONS:

PARCEL NUMBER	ADDRESS	METER/SERVICE SIZE
005016	7291 STATE HWY 49	1–INCH
005018	7237 STATE HWY 49	1–INCH
005020	7245 STATE HWY 49	1–INCH
005022	7291 STATE HWY 49	1–INCH
005056	7221 STATE HWY 49	1–INCH
8. EID STANDRD DETAILS ANTICIPATED FOR THIS PROJECT INCLUDE:
W10 – WATER TRENCH SECTION
W11 – THRUST BLOCK DETAILS
W12 – GATE VALVE INSTALLATION
W15A – 2–INCH BLOWOFF
W16 – 1–INCH AND 2–INCH AIR VALVE
W19 – LOCATING WIRE INSTALLATION
W20 – 1–INCH SERVICE AND METER BOX INSTALLATION
W25 – POLYETHYLENE WRAP
W17 – FIRE HYDRANT ASSEMBLY
9. ALL MATERIALS SHALL BE PER APPROVED EID MATERIALS LIST STANDARD DETAILS W08A, W08B AND W08C.

SYMBOLS AND LINETYPES	
SYMB	DESCRIPTION
	TREE
	POTHOLE LOCATION
	EXISTING VALVE BOX
	HYDRANT
	POWER POLE
	GUIDE WIRE
	STREET LIGHT
	WATER BOX
	DRAIN INLET
	DRAIN INLET
	SIGN
	UTILITY BOX
	BLOW OFF
	NEW GATE VALVE
	EXISTING GATE VALVE
	AIR VACUUM RELEASE VALVE
	PIPE CONTINUATION
	PRESSURE REDUCING VALVE
	EXISTING WATERLINE
	EXISTING WATERLINE, ABANDONED
	EXISTING WATERLINE, DEMOLISHED
	PROPOSED WATERLINE
	EXISTING FIBER OPTIC CABLE
	EXISTING STORM DRAIN
	RIGHT OF WAY
	OVERHEAD ELECTRIC/ TELECOM
	GUARDRAIL
	FENCE

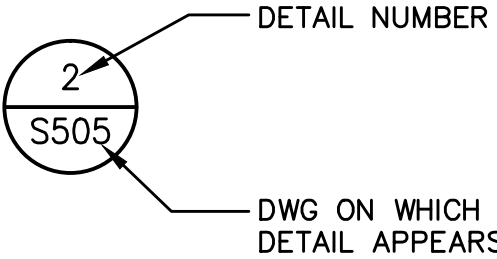
ABBREVIATIONS

AC – ASBESTOS CONCRETE
ARVR – AIR RELEASE VACUUM RELIEF VALVE
CL – CENTERLINE
CPLG – COUPLING
DIP – DUCTILE IRON PIPE
EID – EL DORADO IRRIGATION DISTRICT
ETW – EDGE OF TRAVELED WAY
EXIST – EXISTING
FO – FIBER OPTIC
HORIZ – HORIZONTAL
HYD – HYDRANT
MAX – MAXIMUM
MIN – MINIMUM
MJ – MECHANICAL JOINT
PE – PLAIN END
PRV – PRESSURE REDUCING VALVE
PVC – POLYVINYL CHLORIDE
ROW – RIGHT OF WAY
SD – STORM DRAIN
TEMP – TEMPORARY
TYP – TYPICAL
VERT – VERTICAL

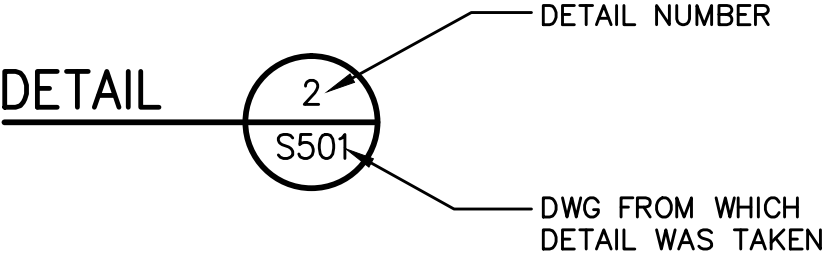
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	175	202
<div>REGISTERED CIVIL ENGINEER</div> <div>DATE</div> <div>5/9/16</div> <div>PLANS APPROVAL DATE</div> <div></div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div>DOMENICHELLI & ASSOCIATES CIVIL ENGINEERING 1101 INVESTMENT BLVD, SUITE 115 EL DORADO HILLS, CA 95762 (916) 933–1997</div> <div>EL DORADO IRRIGATION DISTRICT 2890 MOSQUITO ROAD PLACERVILLE, CA 95667 (530) 622–4513 (916) 965–0930</div>					

TYPICAL DETAIL NUMBERING SYSTEMS

- 1) DWG S501 (WHERE THE DETAIL IS TAKEN):



- 2) DWG S505 (WHERE THE DETAIL APPEARS):



- 3) IF THE DETAIL APPEARS ON THE SAME DWG IT IS TAKEN FROM:



POTABLE WATER
NOTES, ABBRVIATIONS & SYMBOLS
SCALES AS NOTED

STATE OF CALIFORNIA	DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED— DESIGNED BY	SARA M. ROGERS	REVISED BY	
Caltrans		JOE W. DOMENICHELLI	CHECKED BY	JOE W. DOMENICHELLI	DATE REVISED	



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	176	202

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CIVIL ENGINEERING
1101 INVESTMENT BLVD, SUITE 115
EL DORADO HILLS, CA 95762
(916) 933-1997

EL DORADO IRRIGATION DISTRICT
2890 MOSQUITO ROAD
PLACERVILLE, CA 95667
(530) 622-4513 (916) 965-0930

NOTES:

- POTABLE WATER PLAN SHEETS SHOW FINAL ALIGNMENT OF PIPELINE. CONTRACTOR IS MADE AWARE THAT TEMPORARY TIE-INS WILL BE NECESSARY TO COMPLETE THE WORK. SERVICE TO ALL WATER CUSTOMERS MUST BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. SEE SHEETS W-10 AND W-11 FOR TEMPORARY TIE-IN DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

POTABLE WATER
OVERALL PLAN

OVERALL PLAN
SCALE: 1" = 100'

APPROVED FOR POTABLE WATER WORK ONLY

W-2

BORDER LAST REVISED 7/2/2010

USERNAME ==> \$USER
DGN FILE ==> \$REQUEST

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

UNIT 0334

PROJECT NUMBER & PHASE

03000000781

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

03

ED

49

23.6 / 24.5

177

202

REGISTERED CIVIL ENGINEER

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PLAN
SCALE: 1" = 20'

NOTES:

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- CONTRACTOR TO MAINTAIN 4- FEET MINIMUM HORIZONTAL CLEARANCE FROM ALL STORM DRAIN FACILITIES UNLESS OTHERWISE NOTED.
- ALL EXISTING FACILITIES LOCATIONS, TYPES AND SIZES SHALL BE FIELD VERIFIED.
- NEW ARVR LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH EID STAFF PRIOR TO INSTALLATION. LOCATIONS MAY BE ADJUSTED.

WEST PIPELINE CENTERLINE ALIGNMENT DESCRIPTION					
START CONSTRUCTION @ N:2058410.72, E:6872839.02					
MARK	CL STATIONING	CHORD/CL DIRECTION & DIST.	CL DIST.	RADIUS	
1	0+00.00 to 00+68.85	S31d18'46"W	68.85		
2	00+68.85 to 09+50.07	S76d01'20"E 867.66	881.22	1446.50	
3	09+50.07 to 11+06.12	N86d44'41"E	156.05		
4	11+06.12 to 11+11.99	N64d10'55"E	5.87		
5	11+11.99 to 13+80.22	N86d40'55"E	268.23		
6	13+80.22 to 16+05.10	N85d24'37"E	224.88		
7	16+05.10 to 16+12.44	N84d32'55"E	7.34		
8	16+12.44 to 16+21.43	N86d40'55"E	8.99		
9	16+21.43 to 16+51.56	N03d19'05"E	30.13		
10	16+51.56 to 16+65.55	N86d40'55"E	13.99		

PROFILE ALONG PROPOSED PIPE

POTABLE WATER
PLAN AND PROFILE
SCALE: 1" = 20' HORIZ
1" = 5' VERT

APPROVED FOR POTABLE WATER WORK ONLY

W-3

BORDER LAST REVISED 7/2/2010

USERNAME ==>\$USER
DGN FILE ==> \$REQUEST

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

UNIT 0334

PROJECT NUMBER & PHASE

03000000781

LAST REVISION
00-00-00
DATE PLOTTED ==> \$DATE
TIME PLOTTED ==> \$TIME

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

03

ED

49

23.6 / 24.5

178

202

REGISTERED CIVIL ENGINEER

DATE

5/9/16

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1101 INVESTMENT BLVD, SUITE 115
EL DORADO HILLS, CA 95762
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EL DORADO IRRIGATION DISTRICT
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NOTES:

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1	0+00.00 to 00+68.85	S31d18'46"W	68.85	
2	00+68.85 to 09+50.07	S76d01'20"E 867.66	881.22	1446.50
3	09+50.07 to 11+06.12	N86d44'41"E	156.05	
4	11+06.12 to 11+11.99	N64d10'55"E	5.87	
5	11+11.99 to 13+80.22	N86d40'55"E	268.23	
6	13+80.22 to 16+05.10	N85d24'37"E	224.88	
7	16+05.10 to 16+12.44	N84d32'55"E	7.34	
8	16+12.44 to 16+21.43	N86d40'55"E	8.99	
9	16+21.43 to 16+51.56	N03d19'05"E	30.13	
10	16+51.56 to 16+65.55	N86d40'55"E	13.99	

POTABLE WATER
PLAN AND PROFILE

SCALE: 1" = 20' HORIZ
1" = 5' VERT

APPROVED FOR POTABLE WATER WORK ONLY

W-4

BORDER LAST REVISED 7/2/2010

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DGN FILE ==> \$REQUEST

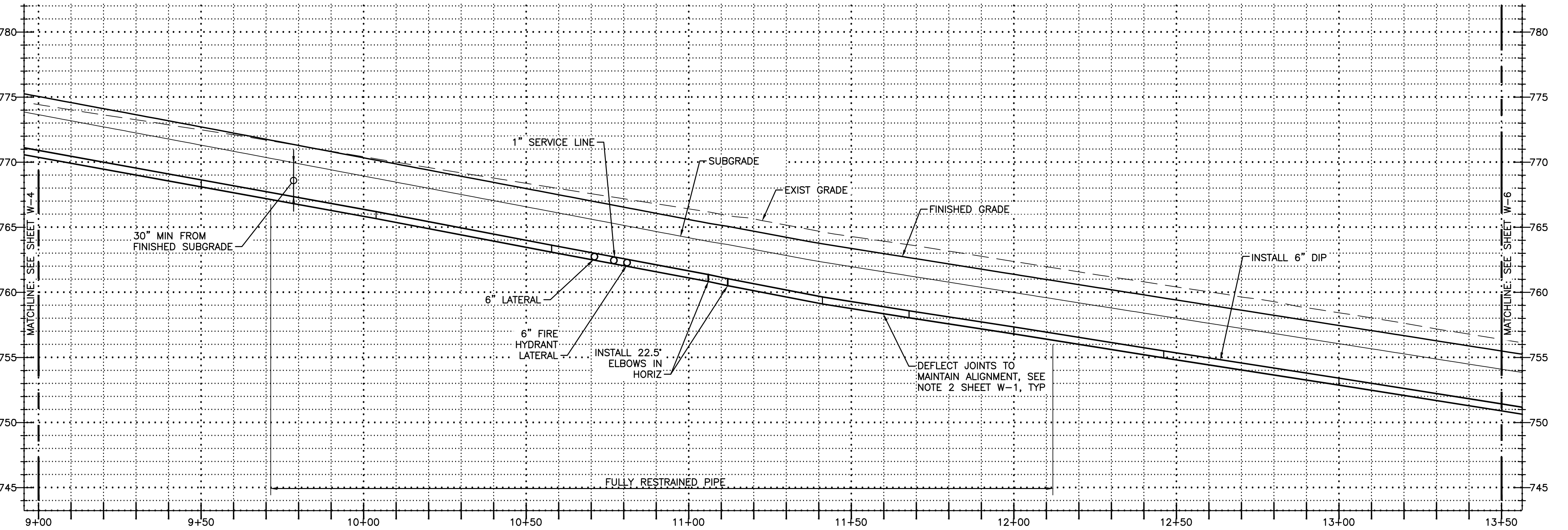
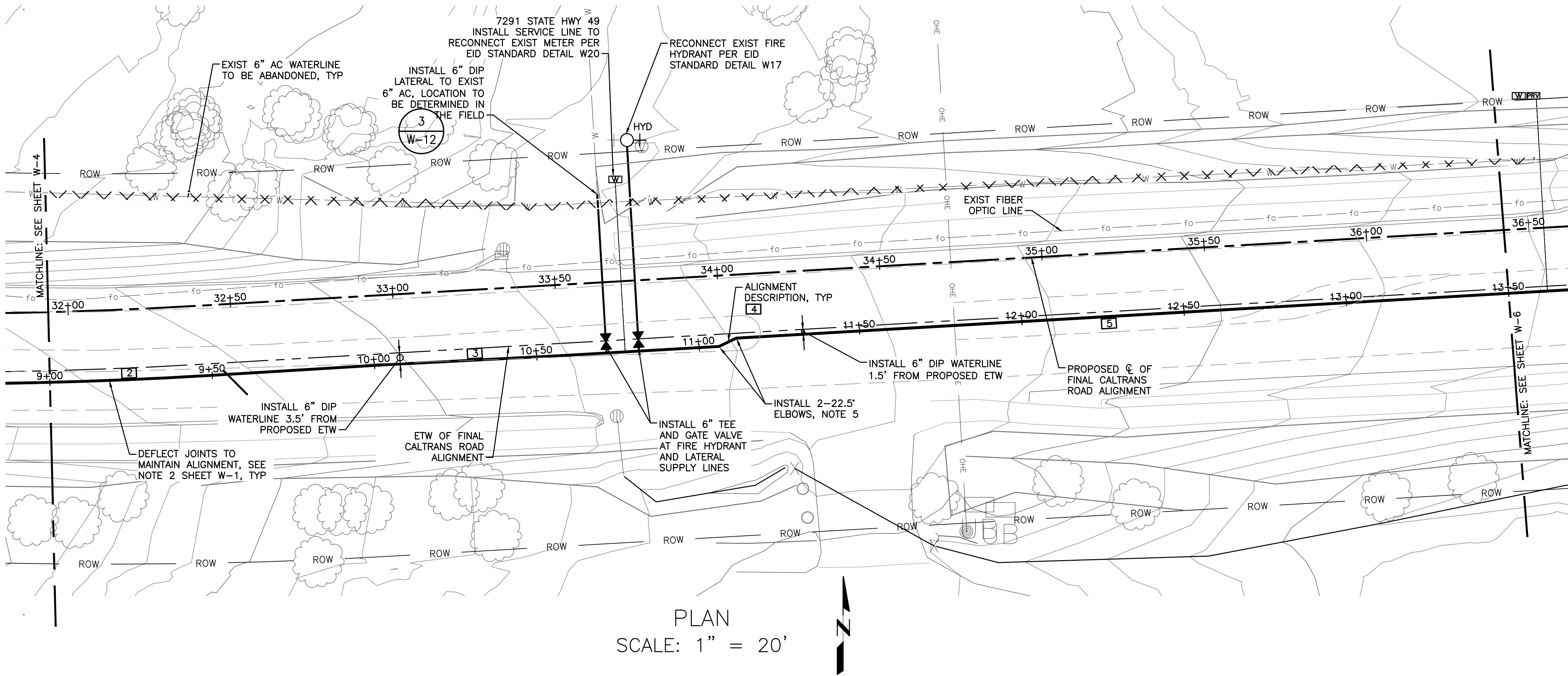
RELATIVE BORDER SCALE
IS IN INCHES

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UNIT 0334

PROJECT NUMBER & PHASE

03000000781



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	179	202

REGISTERED CIVIL ENGINEER

DATE

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NOTES:

- SEE PROJECT WATER NOTES ON SHEET W-1.
- CONTRACTOR TO MAINTAIN 30-INCH MINIMUM COVER FROM TOP OF PIPE TO FINAL SUBGRADE AND 12-INCHES VERTICAL CLEARANCE BETWEEN ALL OTHER UTILITIES UNLESS OTHERWISE NOTED.
- CONTRACTOR TO MAINTAIN 4- FEET MINIMUM HORIZONTAL CLEARANCE FROM ALL STORM DRAIN FACILITIES UNLESS OTHERWISE NOTED.
- ALL EXISTING FACILITIES LOCATIONS, TYPES AND SIZES SHALL BE FIELD VERIFIED.
- INSTALL TWO 22.5' ELBOWS TO OFFSET POTABLE WATER ALIGNMENT TO ACHIEVE 4- FEET SEPARATION FROM THE PROPOSED DRAINAGE IMPROVEMENTS AS SHOWN ON CALTRANS DRAINAGE DRAWINGS. THE FITTINGS SHALL BE FULLY RESTRAINED.

WEST PIPELINE CENTERLINE ALIGNMENT DESCRIPTION				
START CONSTRUCTION C @ N:2058410.72, E:6872839.02				
MARK	C STATIONING	CHORD/C DIRECTION & DIST.	C DIST.	RADIUS
1	0+00.00 to 00+68.85	S31d18'46"W	68.85	
2	00+68.85 to 09+50.07	S76d01'20"E	867.66	1446.50
3	09+50.07 to 11+06.12	N86d44'41"E		156.05
4	11+06.12 to 11+11.99	N64d10'55"E	5.87	
5	11+11.99 to 13+80.22	N86d40'55"E	268.23	
6	13+80.22 to 16+05.10	N85d24'37"E	224.88	
7	16+05.10 to 16+12.44	N84d32'55"E	7.34	
8	16+12.44 to 16+21.43	N86d40'55"E	8.99	
9	16+21.43 to 16+51.56	N03d19'05"E	30.13	
10	16+51.56 to 16+65.55	N86d40'55"E	13.99	

POTABLE WATER
PLAN AND PROFILE

SCALE: 1" = 20' HORIZ
1" = 5' VERT

BORDER LAST REVISED 7/2/2010

USERNAME ==> \$USER
DGN FILE ==> \$REQUEST

RELATIVE BORDER SCALE
IS IN INCHES

0 1 2 3

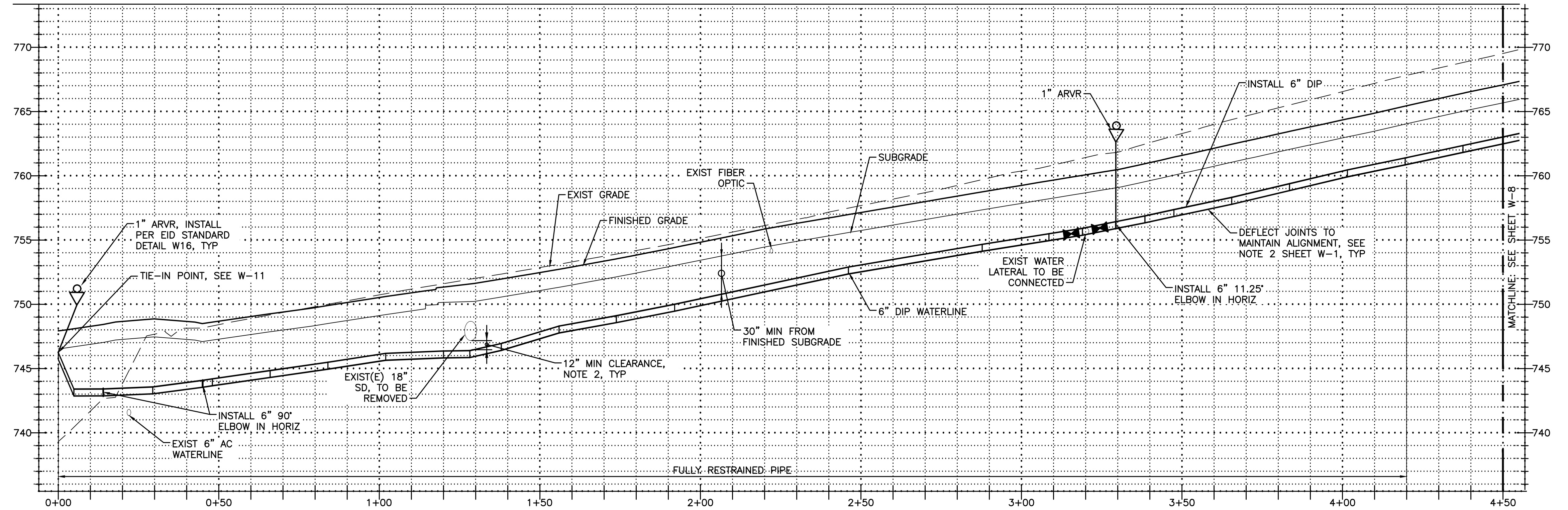
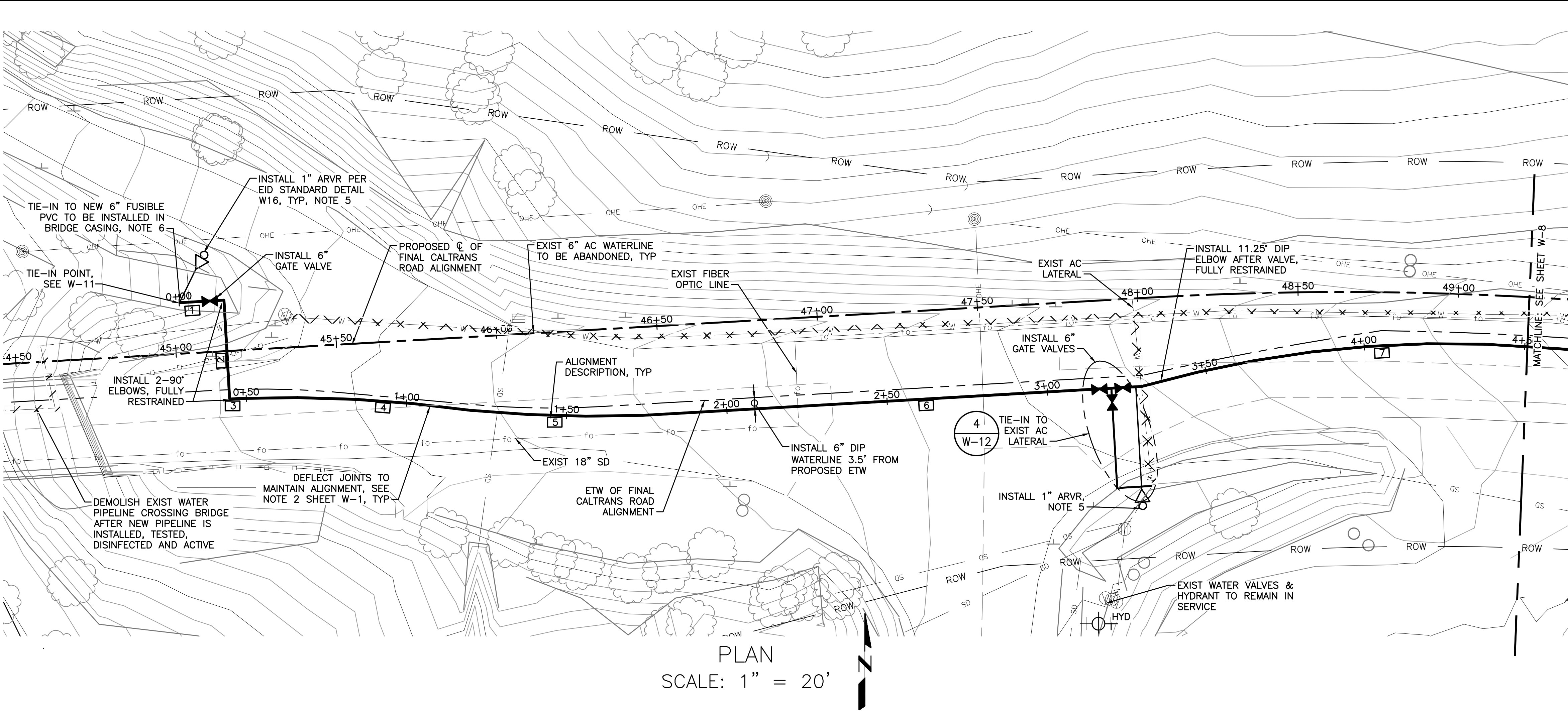
UNIT 0334

PROJECT NUMBER & PHASE

03000000781

W-5

LAST REVISION
00-00-00
DATE PLOTTED ==> \$DATE
TIME PLOTTED ==> \$TIME



PROFILE ALONG PROPOSED PIPE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	181	202

REGISTERED CIVIL ENGINEER

DATE

5/9/16

PLANS APPROVAL DATE

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EL DORADO HILLS, CA 95762
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EL DORADO IRRIGATION DISTRICT
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PLACERVILLE, CA 95667
(530) 622-4513 (916) 965-0930

NOTES:

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- NEW ARVR LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH EID STAFF PRIOR TO INSTALLATION. LOCATIONS MAY BE ADJUSTED.
- SEE TIE-IN DETAILS AND NOTES ON W-11 AND W-13. CASING LOCATION AND DETAILS PER BRIDGE PLAN.

FAST PIPELINE CENTERLINE ALIGNMENT DESCRIPTION					
START CONSTRUCTION C @ N:2058252.61, E:6874899.56					
MARK	C STATIONING	CHORD/C DIRECTION & DIST.	C DIST.	RADIUS	
1	0+00.00 to 00+14.00	N86d42'42"E	14.00		
2	00+14.00 to 00+44.86	S03d17'18"E	30.86		
3	00+44.86 to 00+48.00	N86d40'55"E	3.14		
4	00+48.00 to 01+20.00	S87d04'05"E	71.91	72.00	412.86
5	01+20.00 to 01+92.00	S89d34'04"E	71.91	72.00	412.86
6	01+92.00 to 03+29.86	N86d40'44"E	137.86		
7	03+29.86 to 04+55.53	N84d28'08"E	125.00	125.67	350.66
8	04+55.53 to 11+34.88	S67d40'05"E	667.71	679.35	1030.50
9	11+34.88 to 13+10.81	S43d05'03"E	175.64	175.93	884.50

POTABLE WATER
PLAN AND PROFILE
SCALE: 1" = 20' HORIZ
1" = 5' VERT

BORDER LAST REVISED 7/2/2010

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RELATIVE BORDER SCALE
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0 1 2 3

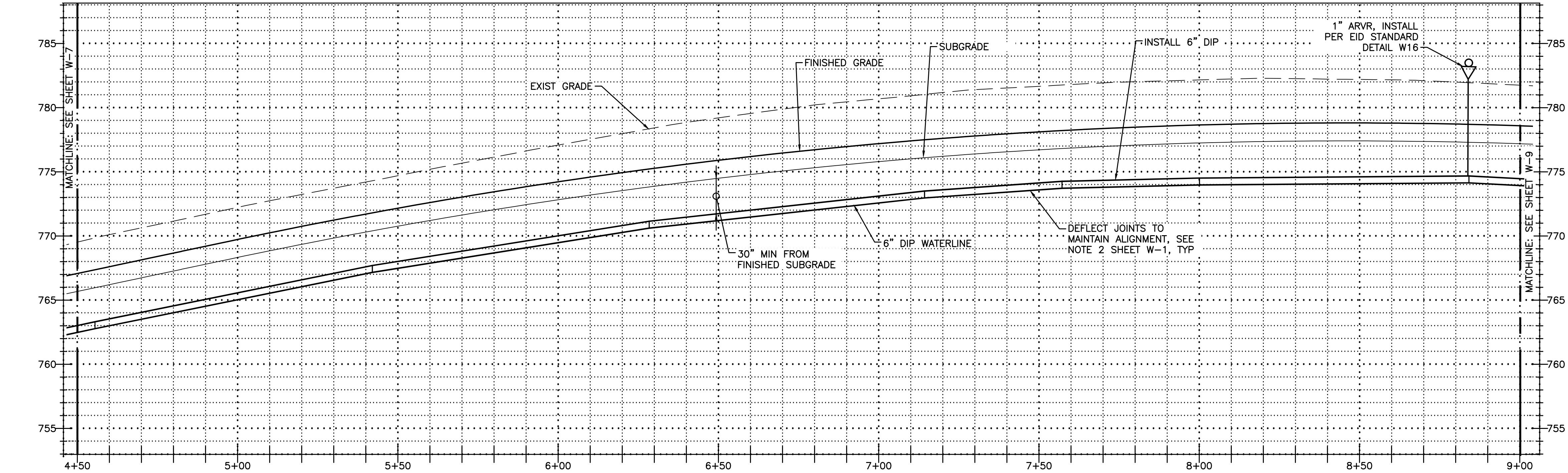
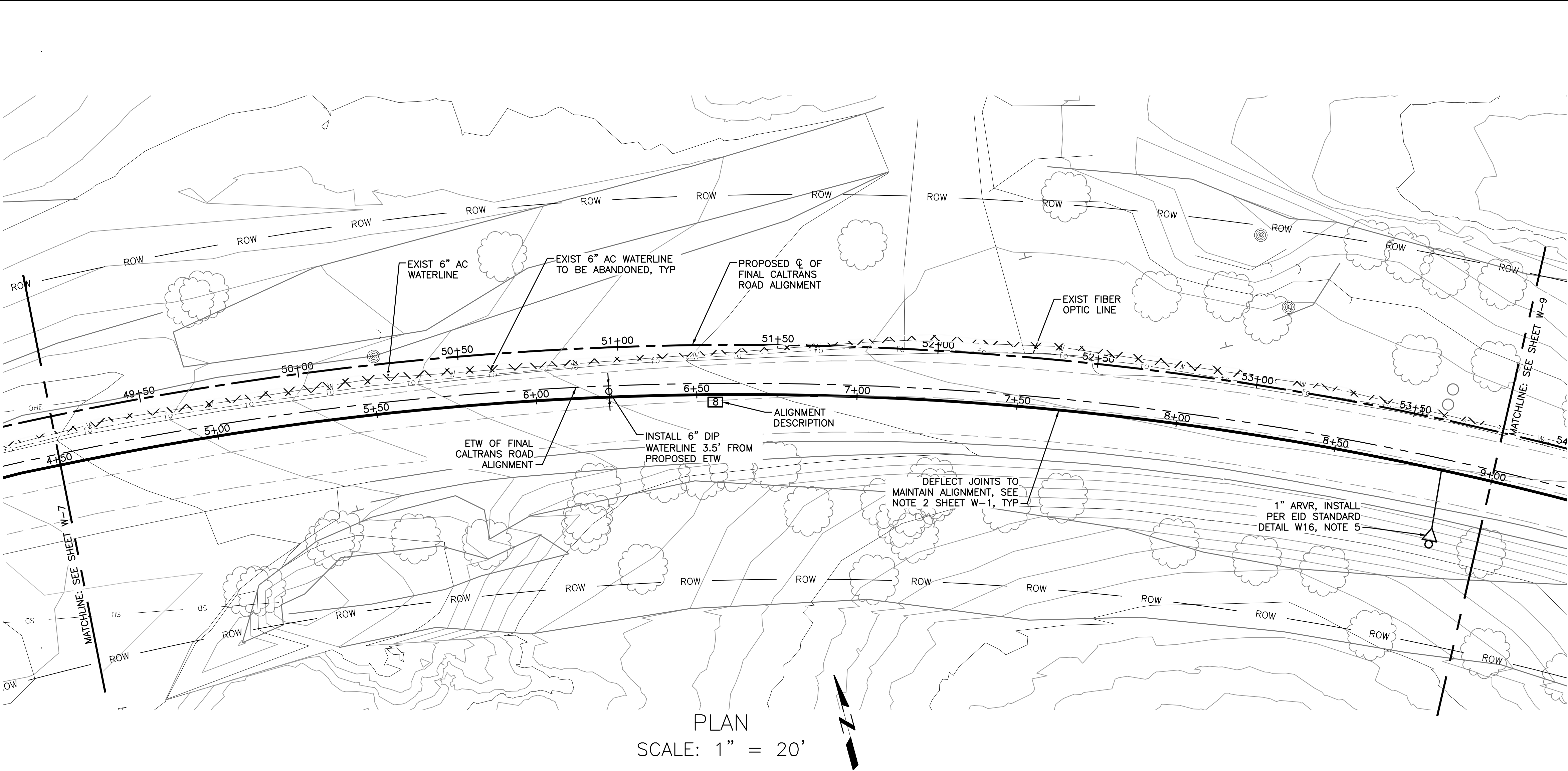
UNIT 0334

PROJECT NUMBER & PHASE

03000000781

W-7

LAST REVISION
00-00-00
DATE PLOTTED => \$DATE
TIME PLOTTED => \$TIME



PROFILE ALONG PROPOSED PIPE

Dist

COUNTY

ROUTE

POST MILES
TOTAL PROJECT

SHEET
No.

TOTAL
SHEETS

03

ED

49

23.6 / 24.5

182

202

REGISTERED CIVIL ENGINEER

DATE

5/9/16

PLANS APPROVAL DATE

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FAST PIPELINE CENTERLINE ALIGNMENT DESCRIPTION					
START CONSTRUCTION @ N:2058252.61, E:6874899.56					
MARK	CL STATIONING	CHORD/CL DIRECTION & DIST.	CL DIST.	RADIUS	
1	0+00.00 to 00+14.00	N86d42°42"E	14.00		
2	00+14.00 to 00+44.86	S03d17°18"E	30.86		
3	00+44.86 to 00+48.00	N86d40°55"E	3.14		
4	00+48.00 to 01+20.00	S87d04°05"E	71.91	72.00	412.86
5	01+20.00 to 01+92.00	S89d34°04"E	71.91	72.00	412.86
6	01+92.00 to 03+29.86	N86d40°44"E		137.86	
7	03+29.86 to 04+55.53	N84d28°08"E	125.00	125.67	350.66
8	04+55.53 to 11+34.88	S67d40°05"E	667.71	679.35	1030.50
9	11+34.88 to 13+10.81	S43d05°03"E	175.64	175.93	884.50

POTABLE WATER
PLAN AND PROFILE

SCALE: 1" = 20' HORIZ
1" = 5' VERT

BORDER LAST REVISED 7/2/2010

USERNAME ==>\$USER
DGN FILE ==> \$REQUEST

RELATIVE BORDER SCALE
IS IN INCHES

0123

UNIT 0334

PROJECT NUMBER & PHASE

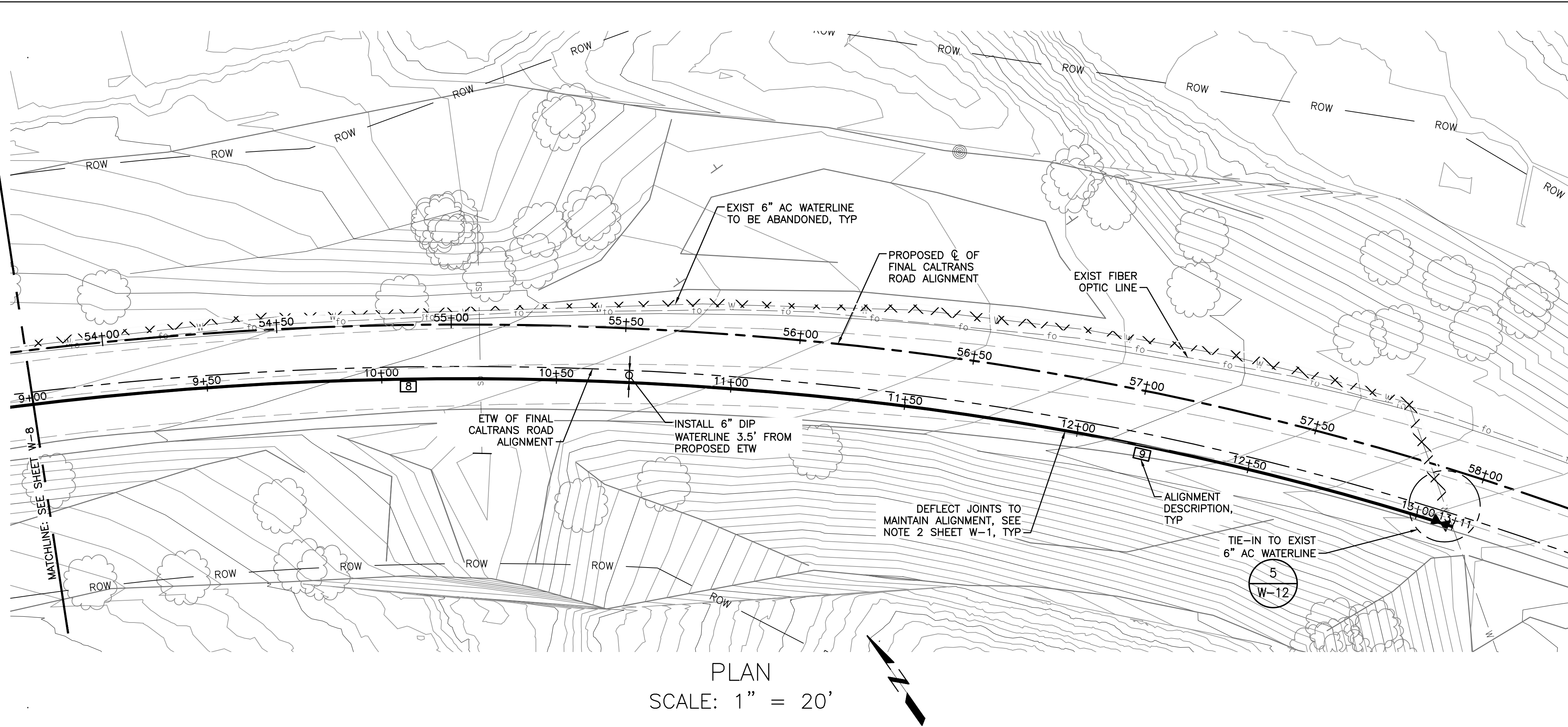
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APPROVED FOR POTABLE WATER WORK ONLY

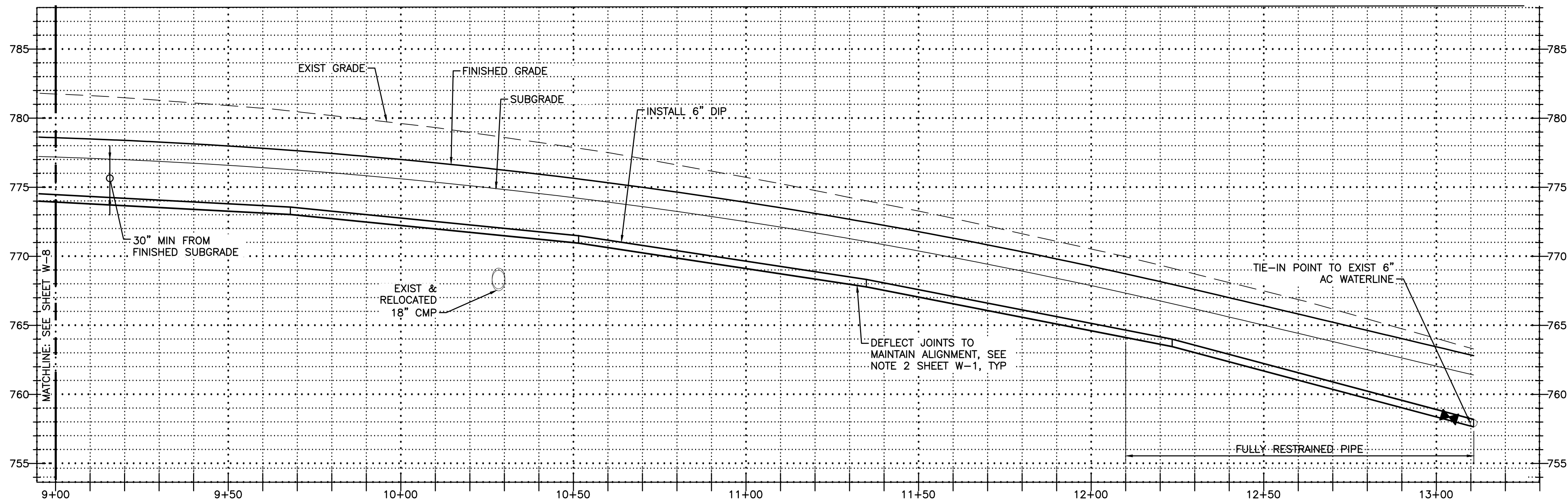
W-8

LAST REVISION
00-00-00

DATE PLOTTED ==> \$DATE
TIME PLOTTED ==> \$TIME



PLAN
SCALE: 1" = 20'



PROFILE ALONG PROPOSED PIPE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	183	202

REGISTERED CIVIL ENGINEER

DATE

5/9/16

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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DOMENICHELLI & ASSOCIATES
CIVIL ENGINEERING
1101 INVESTMENT BLVD, SUITE 115
EL DORADO HILLS, CA 95762
(916) 933-1997

EL DORADO IRRIGATION DISTRICT
2890 MOSQUITO ROAD
PLACERVILLE, CA 95667
(530) 622-4513 (916) 965-0930

NOTES:

- SEE PROJECT WATER NOTES ON SHEET W-1.
- CONTRACTOR TO MAINTAIN 30-INCH MINIMUM COVER FROM TOP OF PIPE TO FINAL SUBGRADE AND 12-INCHES VERTICAL CLEARANCE BETWEEN ALL OTHER UTILITIES UNLESS OTHERWISE NOTED.
- CONTRACTOR TO MAINTAIN 4- FEET MINIMUM HORIZONTAL CLEARANCE FROM ALL STORM DRAIN FACILITIES UNLESS OTHERWISE NOTED.
- ALL EXISTING FACILITIES LOCATIONS, TYPES AND SIZES SHALL BE FIELD VERIFIED.

EAST PIPELINE CENTERLINE ALIGNMENT DESCRIPTION				
START CONSTRUCTION @ N:2058252.61, E:6874899.56				
MARK	CL STATIONING	CHORD/CL DIRECTION & DIST.	CL DIST.	RADIUS
1	0+00.00 to 00+14.00	N86d42'42"E	14.00	
2	00+14.00 to 00+44.86	S03d17'18"E	30.86	
3	00+44.86 to 00+48.00	N86d40'55"E	3.14	
4	00+48.00 to 01+20.00	S87d04'05"E	71.91	412.86
5	01+20.00 to 01+92.00	S89d34'04"E	71.91	412.86
6	01+92.00 to 03+29.86	N86d40'44"E	137.86	
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POTABLE WATER
PLAN AND PROFILE
SCALE: 1" = 20' HORIZ
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BORDER LAST REVISED 7/2/2010

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RELATIVE BORDER SCALE
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0123

UNIT 0334

PROJECT NUMBER & PHASE

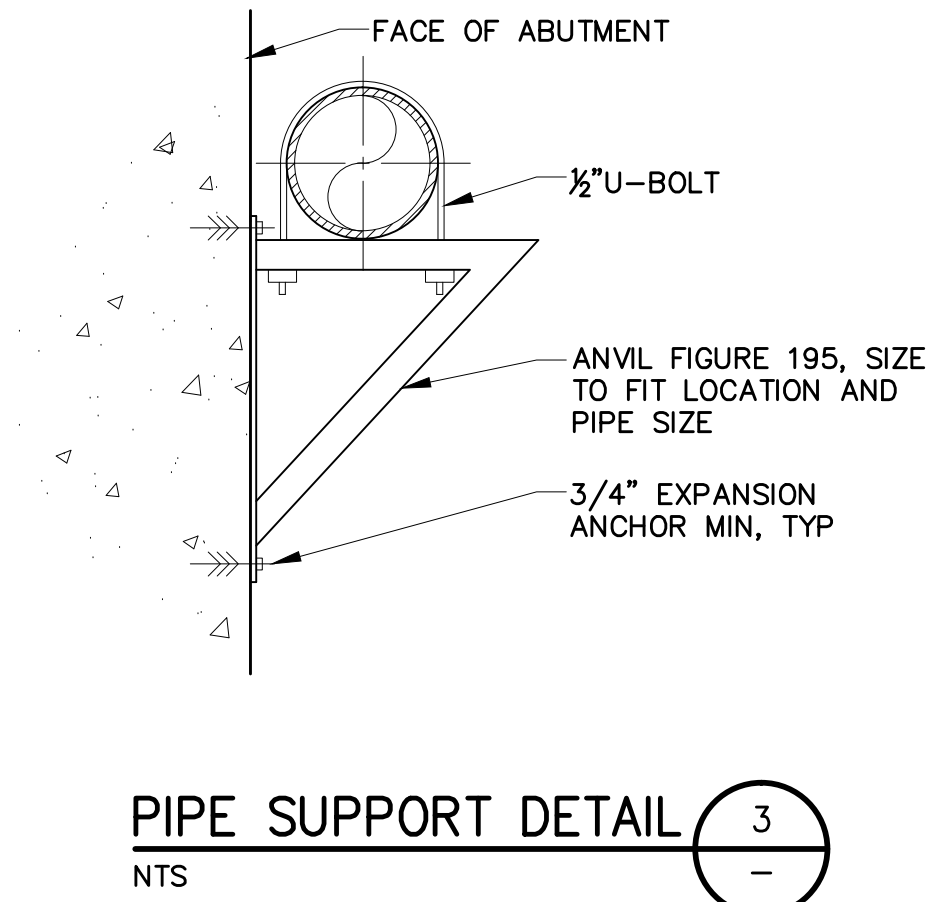
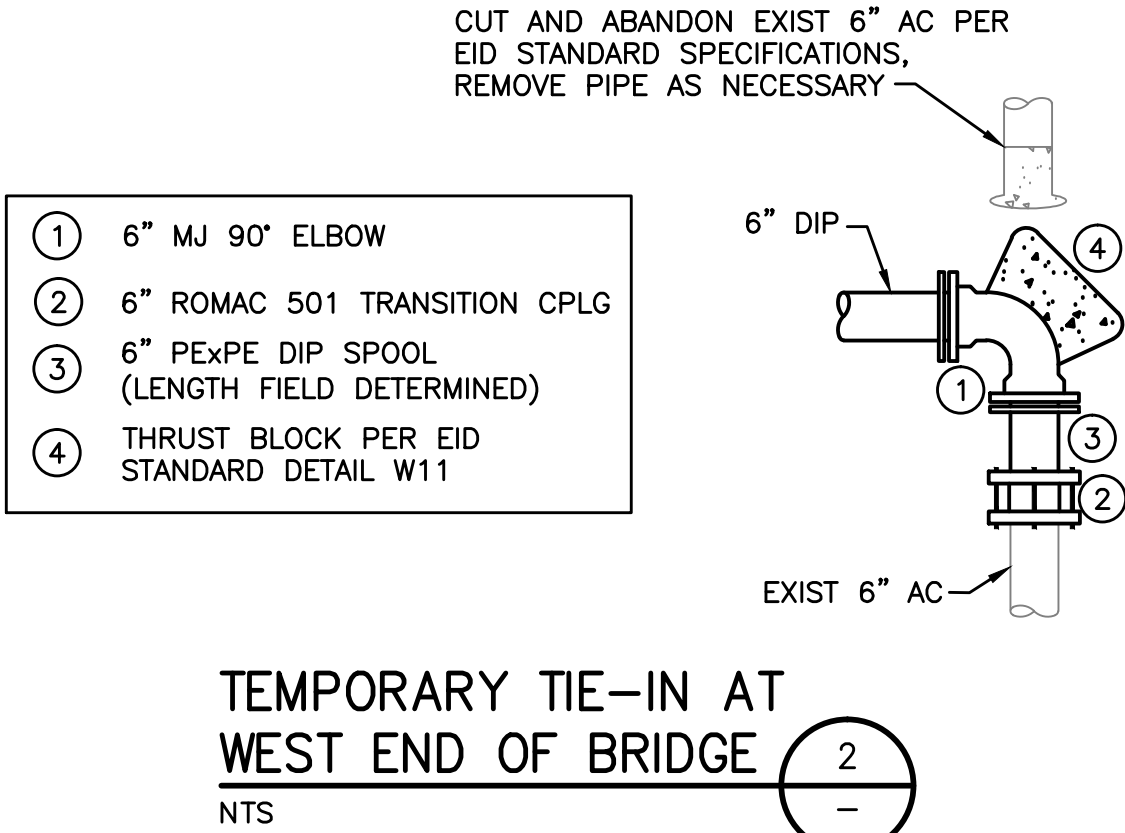
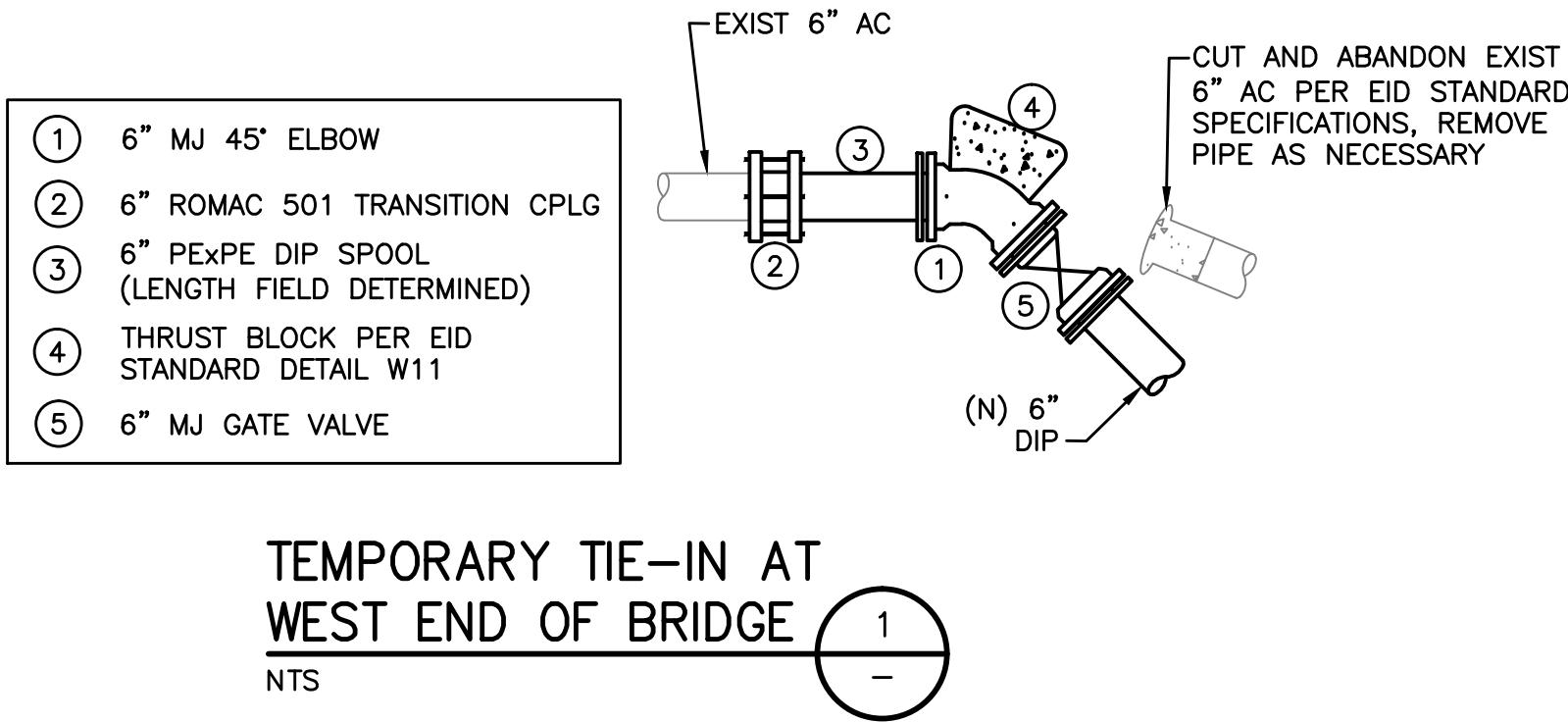
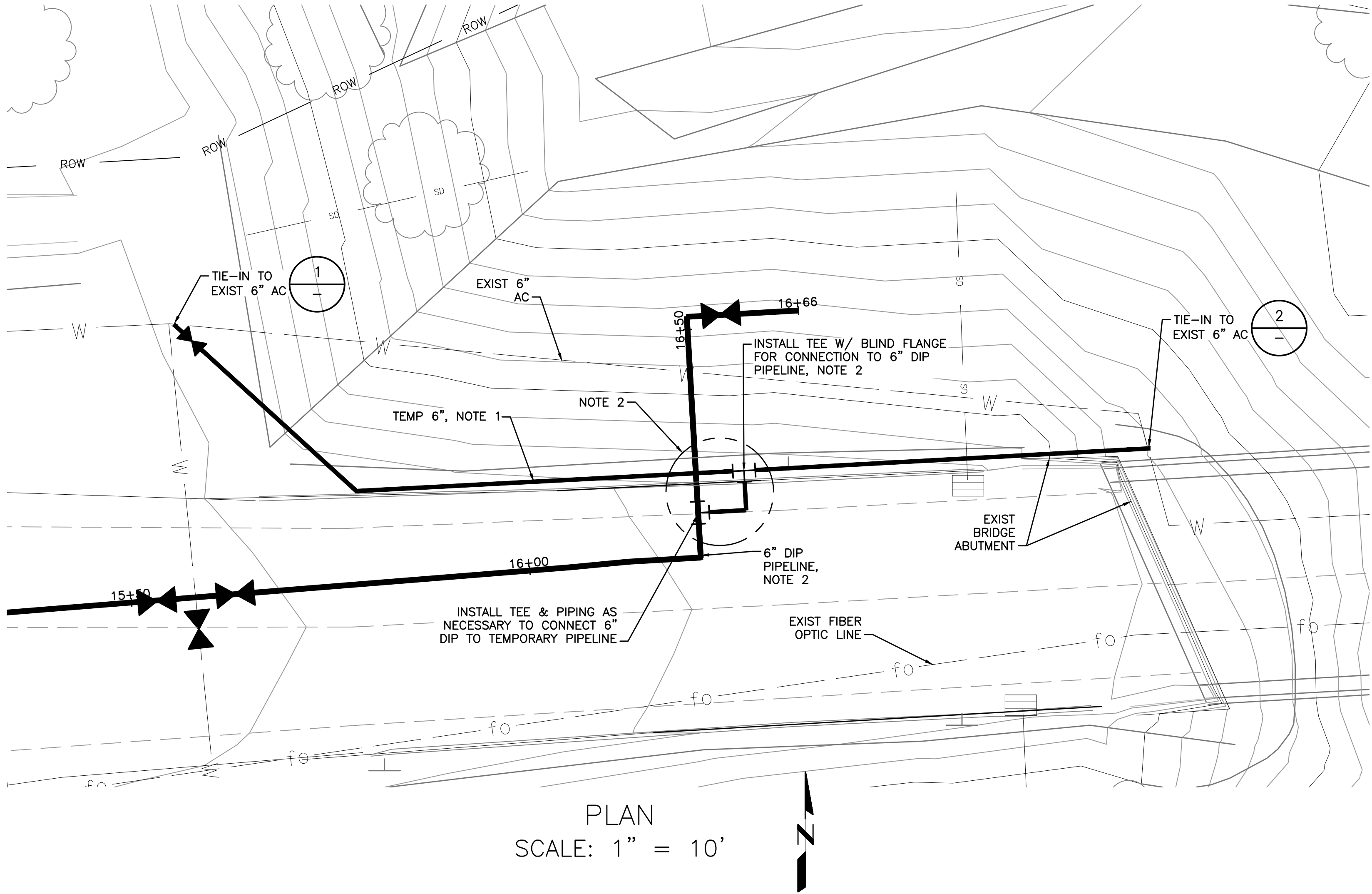
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W-9

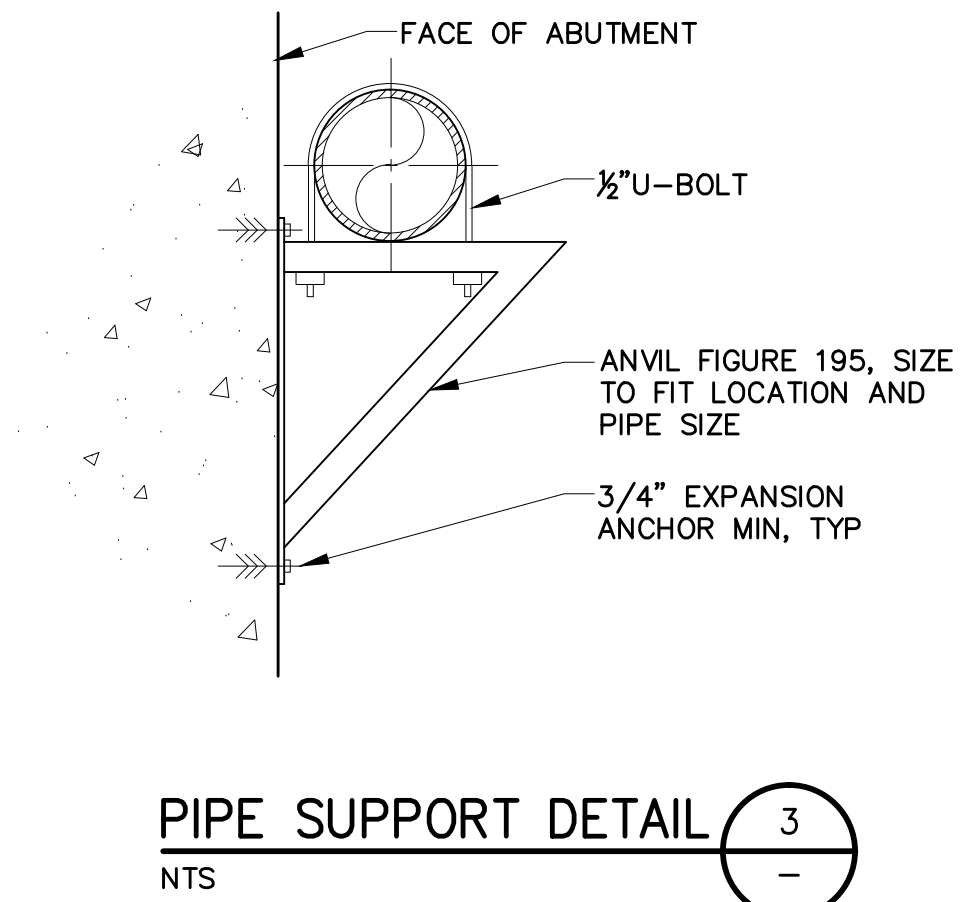
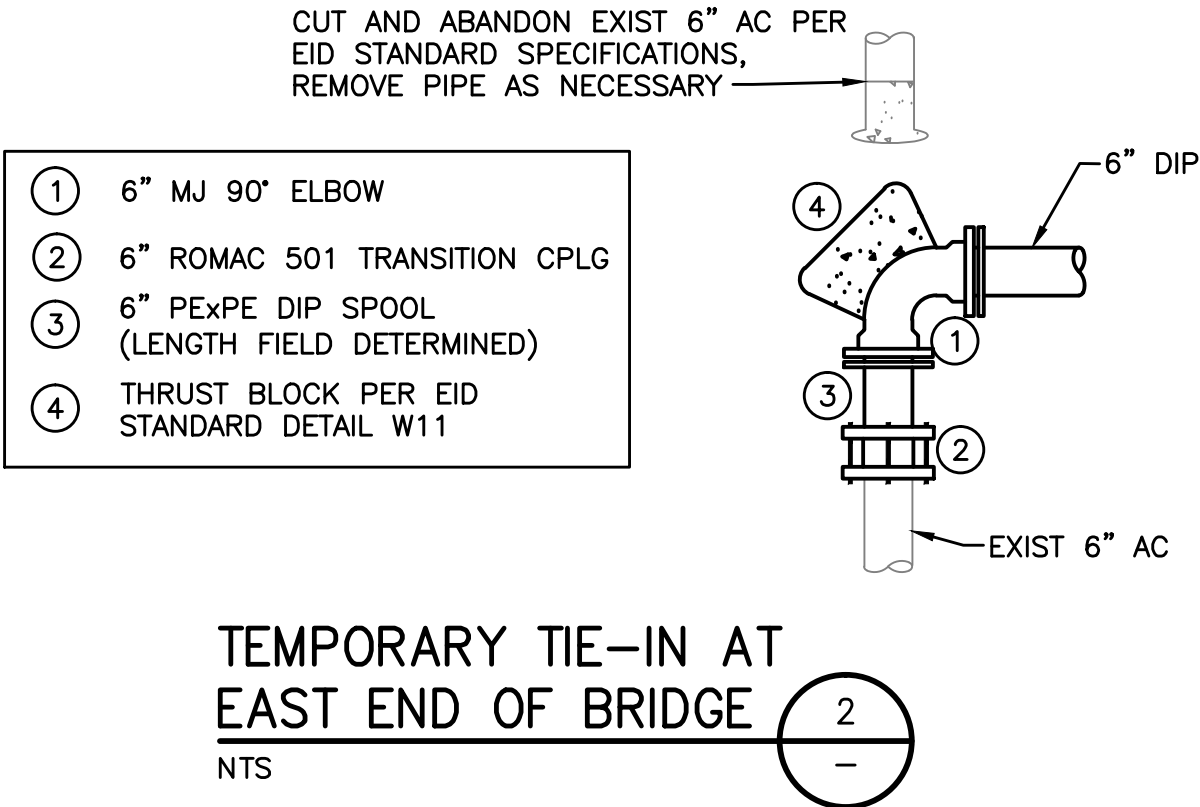
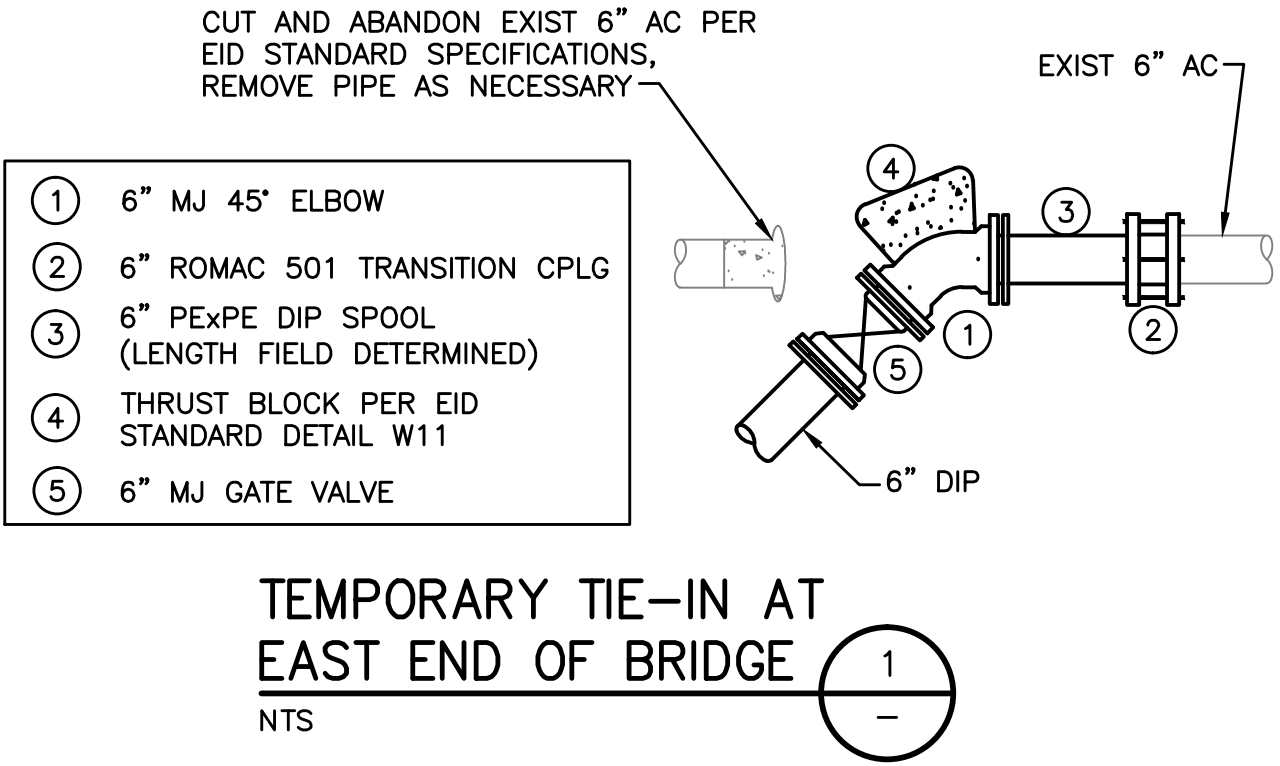
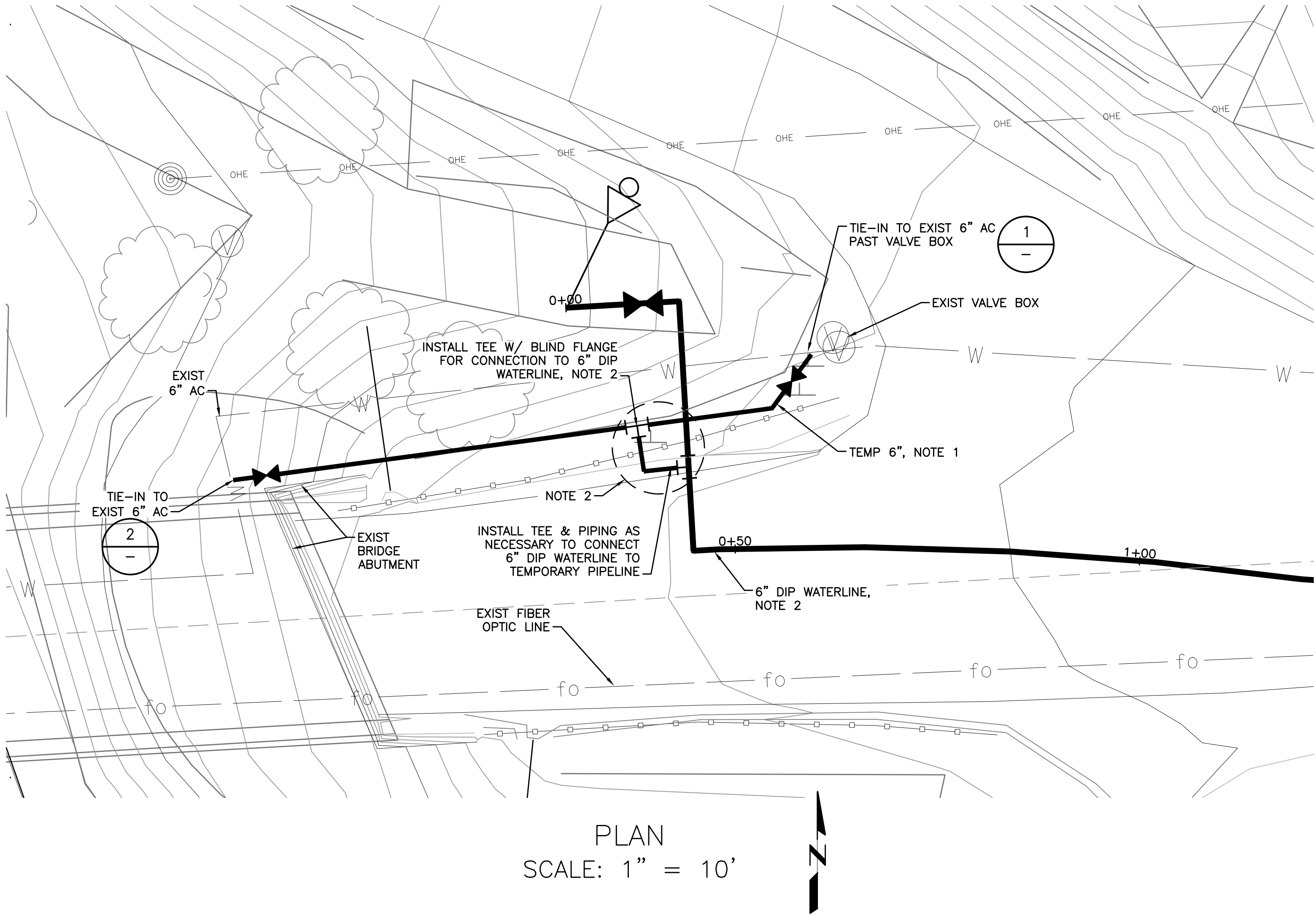
LAST REVISION
00-00-00

DATE PLOTTED ==> \$DATE
TIME PLOTTED ==> \$TIME



- TIE-IN DETAIL GENERAL NOTES:**
- CONTRACTOR SHALL POTHOLE ALL TIE-IN LOCATIONS TO VERIFY PIPE TYPES, SIZES AND FITTINGS REQUIRED IN ADVANCE OF MATERIAL PURCHASE AND CONSTRUCTION. FINAL TIE-IN MATERIALS AND CONFIGURATION SHALL BE APPROVED BY EID.
 - ALL MECHANICAL JOINTS SHALL BE OF THE RESTRAINED TYPE USING EBAA IRON, OR EQUAL.
 - THE CONTRACTOR IS MADE AWARE THAT THE EXISTING PIPELINE IS ASBESTOS CONCRETE (AC) MATERIAL. ALL AC PIPE SHALL BE PROPERLY DISPOSED OF PER ALL APPLICABLE REGULATIONS AND PER THE SPECIFICATIONS.
 - ALL MATERIALS SHALL BE PER APPROVED EID MATERIALS LIST STANDARD DETAILS W08A, W08B AND W08C.
- NOTES:**
- TEMPORARY PIPING CONNECTION SHALL BE BELOW EXISTING GRADE NEAR THE BRIDGE. REMAINDER OF PIPE MAY BE ABOVE GRADE AND HANG FROM THE EXISTING BRIDGE ABUTMENT PER DETAIL 3 THIS SHEET OR INSTALLED BELOW GRADE PER EID STANDARDS.
 - IF NECESSARY, THE TEMPORARY PIPELINE MAY BE CONNECTED TO THE NEW PIPELINE.
 - ALL TEMPORARY PIPING SHALL BE FULLY RESTRAINED.
 - CONTRACTOR SHALL POTHOLE ALL CONNECTIONS TO EXISTING AC PIPE TO VERIFY TYPE, SIZE AND CONDITION PRIOR TO ORDERING MATERIALS TO VERIFY FITTINGS REQUIRED.
 - TEMPORARY PIPE SHALL MEET ALL REQUIREMENTS FOR TESTING AND DISINFECTION PER THE SPECIFICATIONS.

TEMPORARY POTABLE WATER
WEST ALIGNMENT BRIDGE TIE-IN
SCALES AS NOTED



TEMPORARY POTABLE WATER EAST ALIGNMENT BRIDGE TIE-IN

SCALES AS NOTED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	185	202

REGISTERED CIVIL ENGINEER

DATE

5/9/16

PLANS APPROVAL DATE

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EL DORADO HILLS, CA 95762
(916) 933-1997

EL DORADO IRRIGATION DISTRICT
2890 MOSQUITO ROAD
PLACERVILLE, CA 95667
(530) 622-4513 (916) 965-0930

REGISTERED PROFESSIONAL ENGINEER
SARA M. ROGERS
No. 064226
Exp. 6/30/17
STATE OF CALIFORNIA

TIE-IN DETAIL GENERAL NOTES:

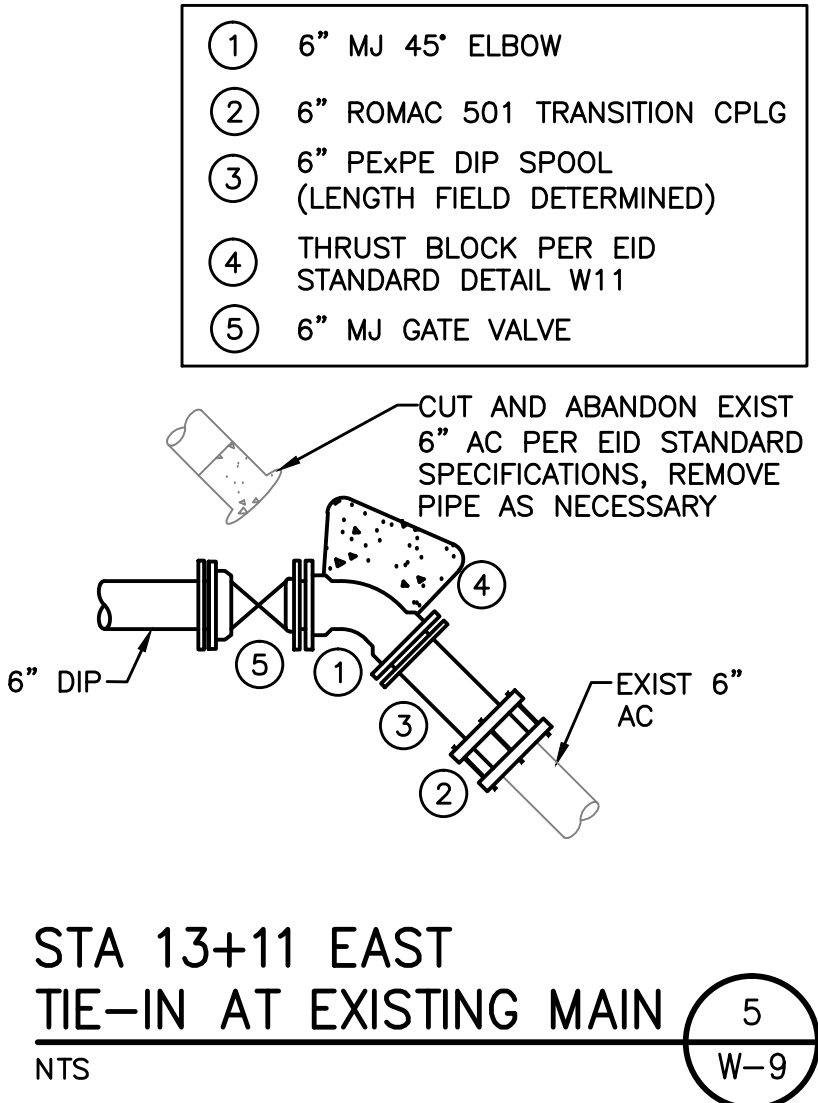
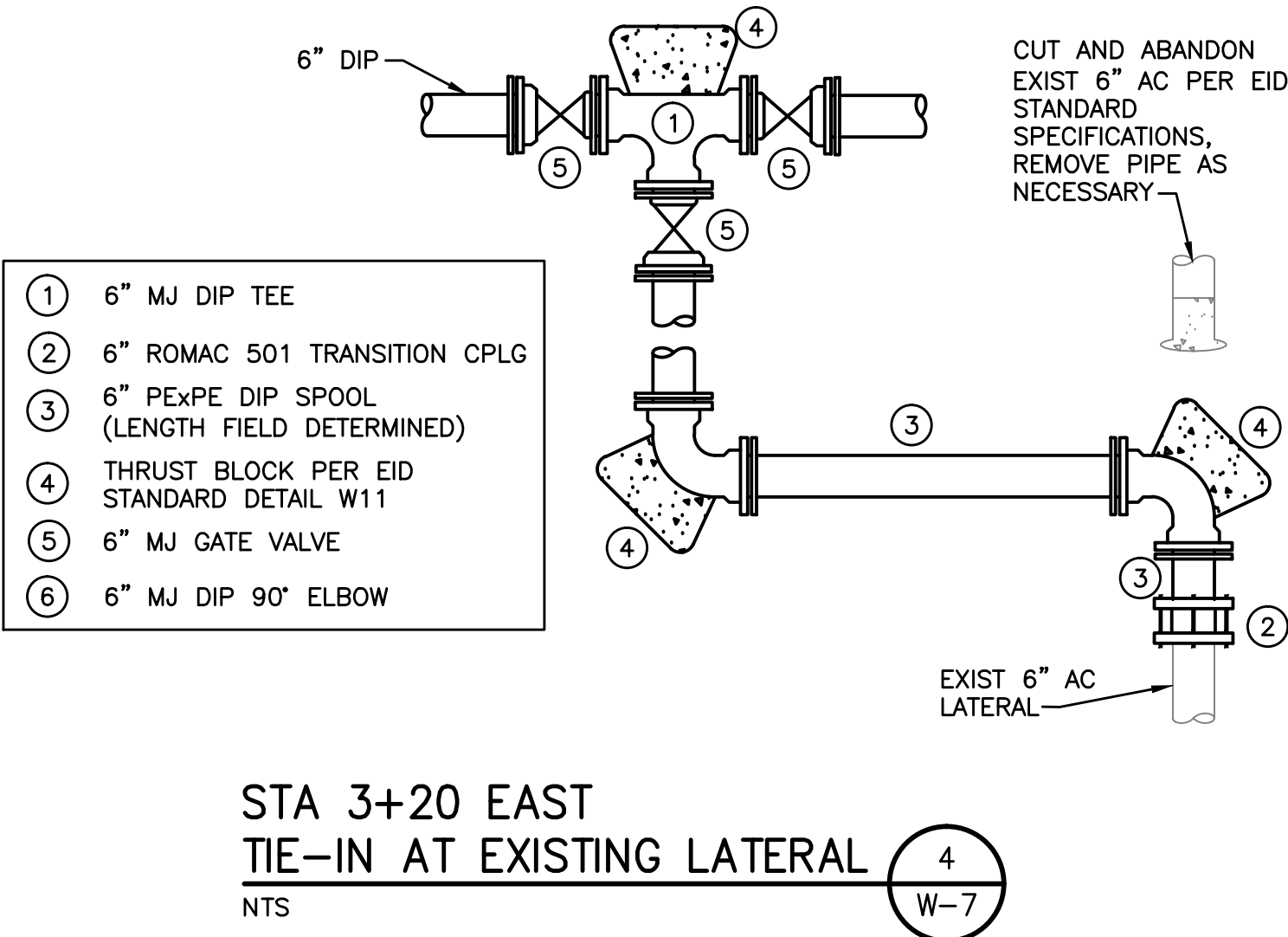
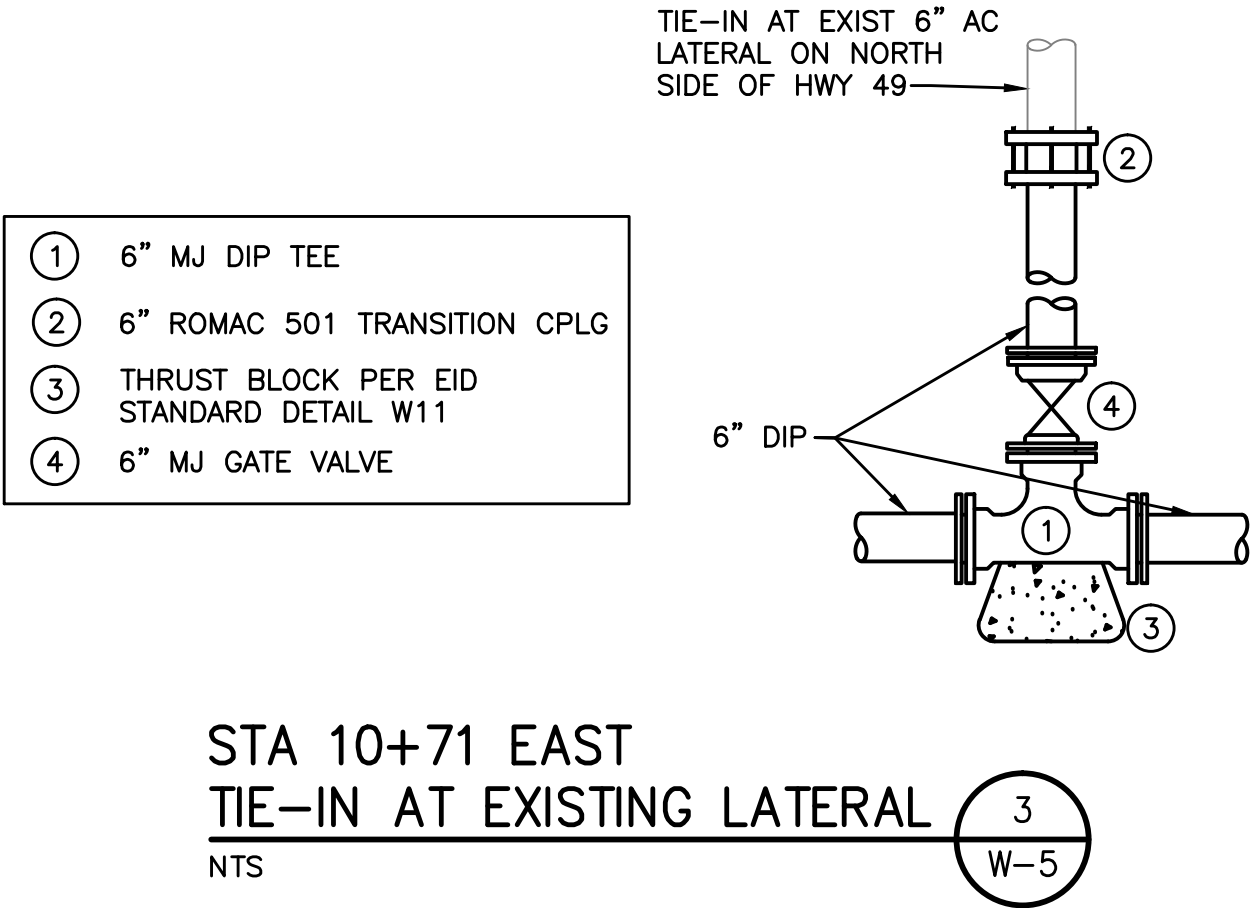
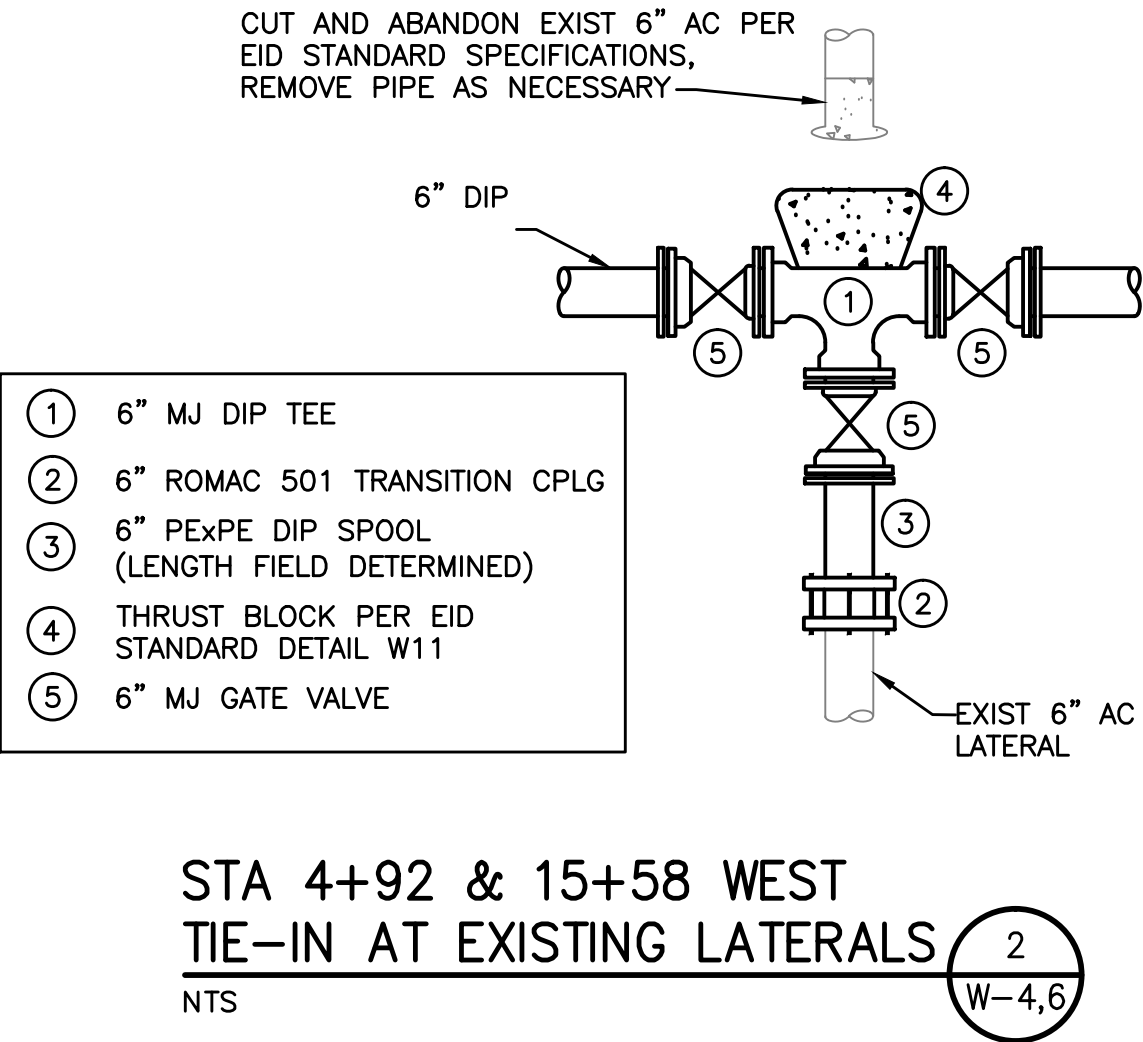
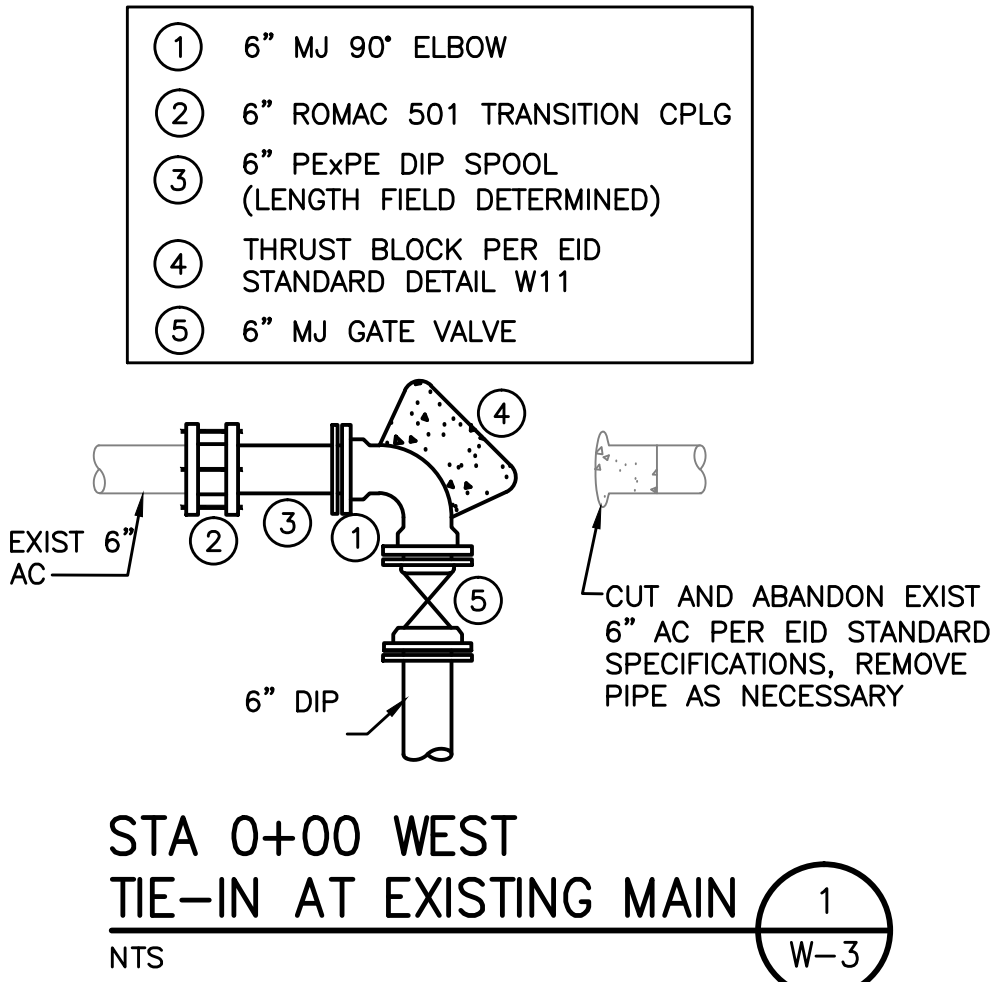
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DATE PLOTTED ==> \$DATE
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LAST REVISION
00-00-00

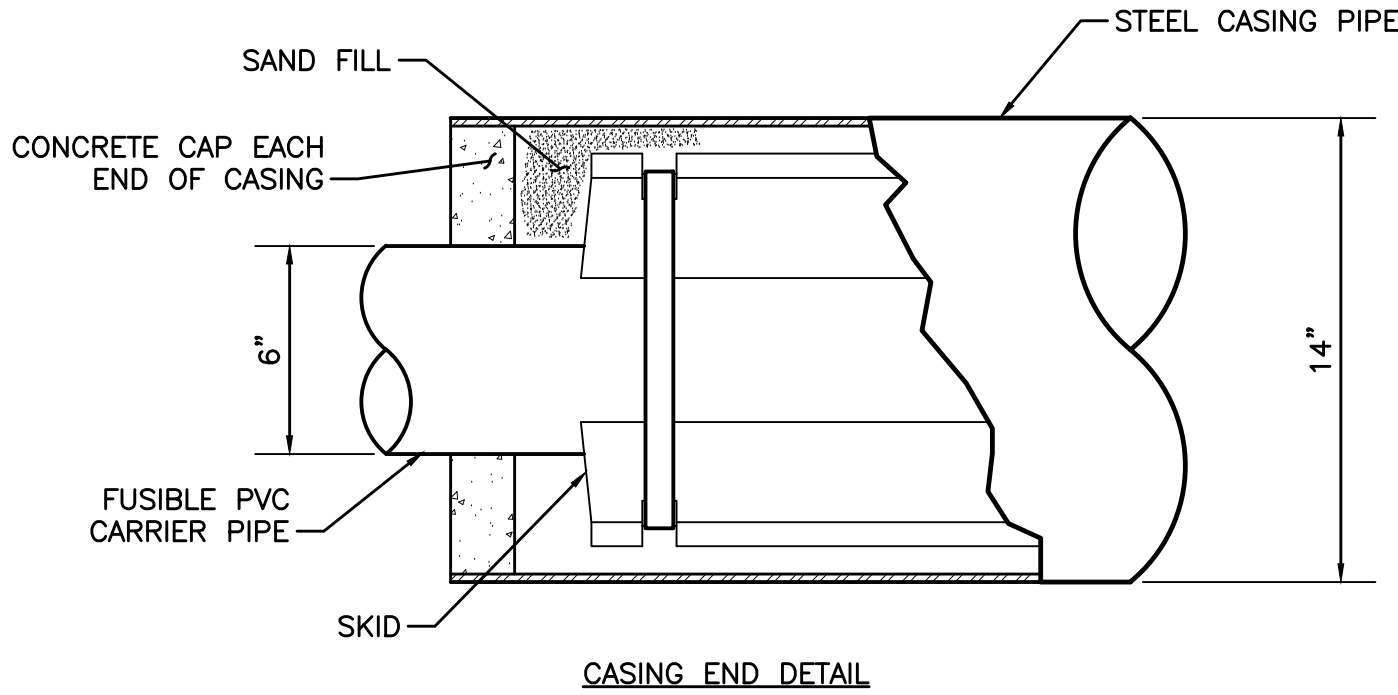
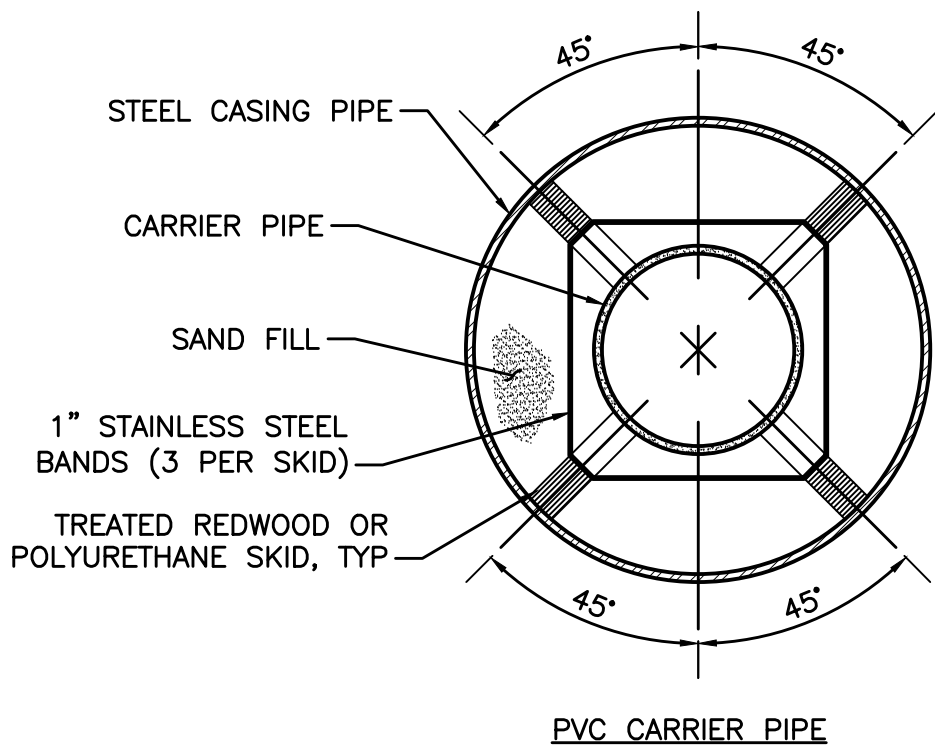
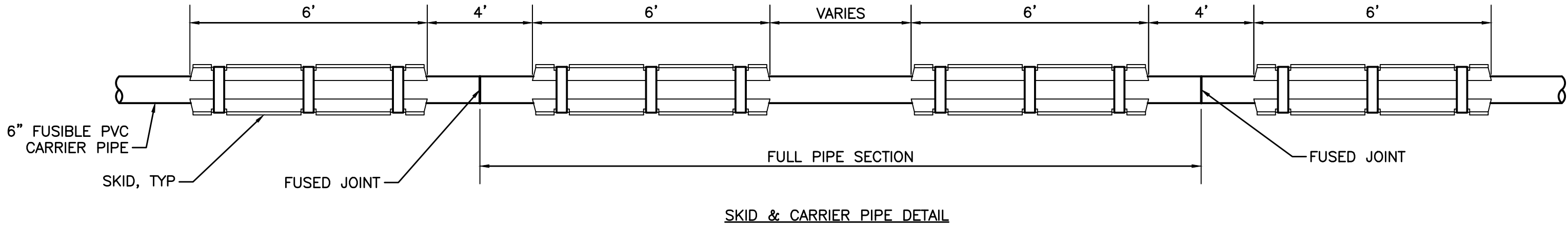
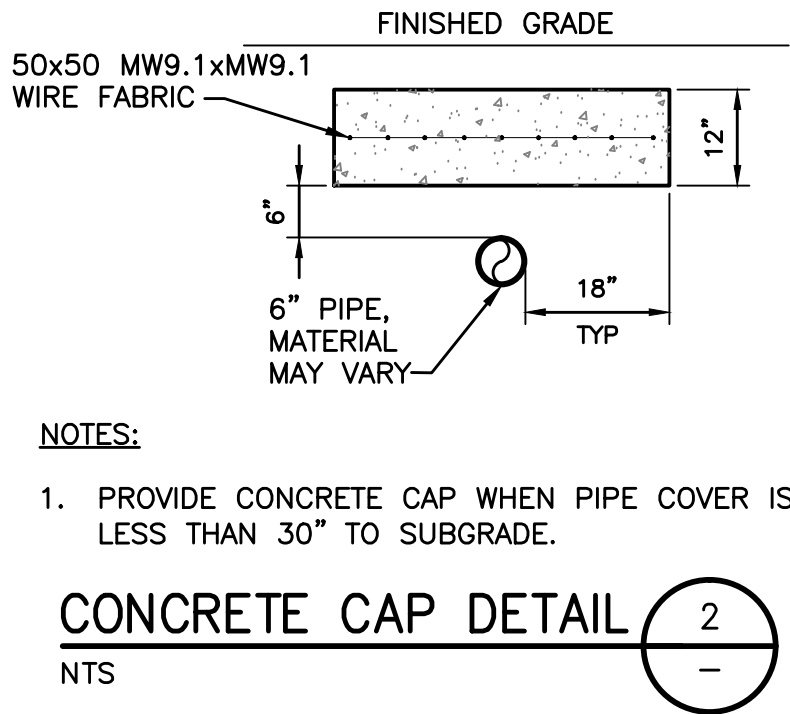
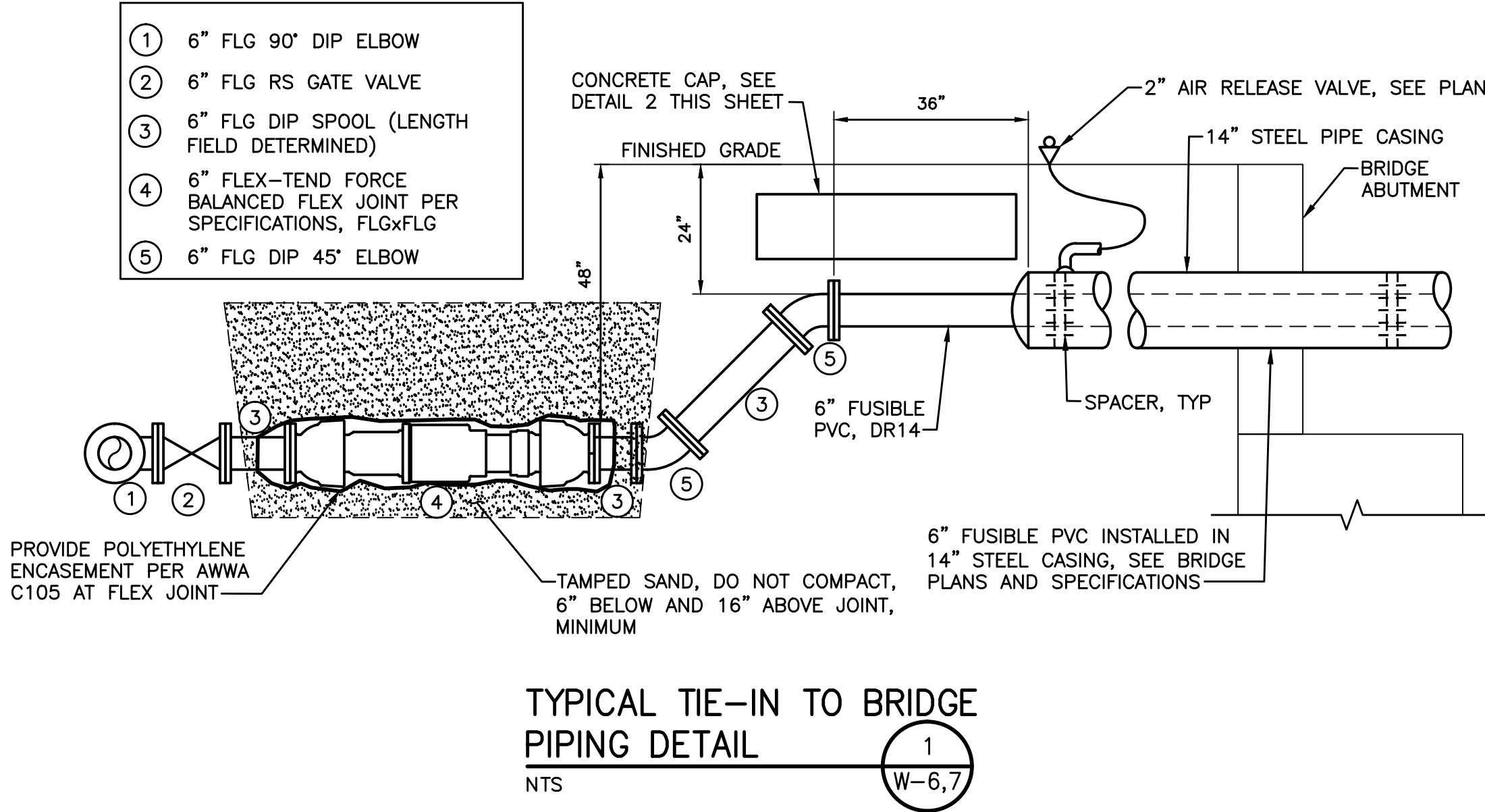
STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION	CONSULTANT FUNCTIONAL SUPERVISOR	CALCULATED— DESIGNED BY	SARA M. ROGERS	REVISOR	
Caltrans®	JOE W. DOMENICHELLI	CHECKED BY	JOE W. DOMENICHELLI	DATE REVISOR	



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	ED	49	23.6 / 24.5	186	202
REGISTERED CIVIL ENGINEER DATE					
5/9/16					
PLANS APPROVAL DATE					
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DOMENICHELLI & ASSOCIATES CIVIL ENGINEERING 1101 INVESTMENT BLVD, SUITE 115 EL DORADO HILLS, CA 95762 (916) 933-1997			EL DORADO IRRIGATION DISTRICT 2890 MOSQUITO ROAD PLACERVILLE, CA 95667 (530) 622-4513 (916) 965-0930		

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POTABLE WATER
TIE-IN DETAILS
SCALES AS NOTED



BORE CASING DETAIL

3

NTS

- BRIDGE CROSSING NOTES:
1. NEW PIPELINE TO BE INSTALLED IN THE 14-INCH STEEL CASING CROSSING THE BRIDGE SHALL BE 6-INCH FUSIBLE PVC C900 DR 14 PER THE CONTRACT SPECIFICATIONS. FUSIBLE PVC SHALL EXTEND 3- FEET PAST THE STEEL CASING WITH A FLANGED END.

2. CROSSING SHALL INCLUDE CASING SPACERS (RANGER OR EQUAL) INSTALLED PER THE MANUFACTURERS RECOMMENDATION A MINIMUM OF EVERY 10- FEET.

3. END SEALS SHALL BE PROVIDED AT EACH END OF THE STEEL CASING OR THE CASING SHALL BE FILLED WITH GROUT A MINIMUM OF 2- FEET AT EACH END.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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REGISTERED PROFESSIONAL ENGINEER

SARA M. ROGERS

No. 064226

Exp. 6/30/17

STATE OF CALIFORNIA

POTABLE WATER
TIE-IN DETAILS

SCALES AS NOTED